

Preliminary Report
Tropical Depression Twelve
6-8 October 1999

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9 November 1999

Tropical Depression Twelve developed from a tropical wave that moved off the coast of Africa on 30 September. Satellite classifications on the system began on 3 October. Based on satellite classifications and cloud drift wind vectors from the University of Wisconsin, the system is estimated to have become a tropical depression on the 6th. Over the next three days, the depression moved somewhat erratically to the west-northwest without development. During this time, the low-level circulation center was mostly on the west side of the deep convection, due to the presence of an upper trough/low to the cyclone's north. Convection diminished on the 8th and the depression dissipated as the low-level circulation became less well defined. The remnant low-level cloud swirl could be tracked for several days thereafter as it continued west-northwest and then westward before dissipating completely north of the Lesser Antilles.

The "best-track" for the depression is given in Table 1.

Table 1. Best track for Tropical Depression Twelve, 6-8 October 1999.

Date/Time (UTC)	Latitude (°N)	Longitude (°W)	Pressure (mb)	Wind Speed (kt)	Stage
06 / 0000	14.4	44.8	1008	30	tropical depression
06 / 0600	14.8	45.4	1008	30	"
06 / 1200	15.0	45.8	1007	30	"
06 / 1800	15.2	46.0	1007	30	"
07 / 0000	15.4	46.2	1008	30	"
07 / 0600	15.6	46.5	1008	30	"
07 / 1200	15.8	46.7	1008	30	"
07 / 1800	16.0	47.1	1008	30	"
08 / 0000	16.4	47.5	1008	30	"
08 / 0600	16.6	47.7	1008	30	"
08 / 1200	16.8	47.9	1008	30	"
08 / 1800	17.3	48.5	1010	25	"
06 / 1200	15.0	45.8	1007	30	minimum pressure